

## **PACKAGING SYSTEM WITH OXYGEN SENSOR**

### **ABSTRACT OF THE DISCLOSURE**

A packaging system or storage arrangement that includes provision to indicate the presence of oxygen. An oxygen-sensitive material is placed inside a sealable container. Air is evacuated from the sealable container and the sealable container is sealed to isolate the oxygen-sensitive material from oxygen. The sealable container is then irradiated with an effective amount of radiation to activate the oxygen-sensitive material such that the oxygen-sensitive material will undergo a visual change in the presence of oxygen after the oxygen-sensitive material has been irradiated. The visual change provides an indication of the presence of oxygen inside the sealable container.

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### **PARTS LIST**

- 101 sealable container
- 102 oxygen-sensitive material
- 103 product
- 104 ambient atmosphere
- 105 foil pouch
- 106 protective cardboard packaging
- 107 medical device
- 108 main body
- 109 crimper device
- 110 background material
- 112 resealable pouch
- 114 closure means
- 116 plastic coating